

Amendment to the Specification

Please amend Page 4, ¶5 as follows:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS as follows:

With reference now to the drawings, and particularly to figure 1, there is shown a schematic diagram of a tube card 1. The tube card 1 preferably includes at least one vacuum tube 10, a DC to DC high voltage converter 12, ~~at least one a plate~~ resistor 14, a cathode resistor 15, and at least one a non-inverted capacitor 16, and an inverted capacitor 17. The at least one vacuum tube 10 is supplied with high voltage from the DC to DC high voltage converter 12. The vacuum tube 10 has an input, an inverted output, and a noninverted output. The value of high voltage ranges from 80 1000 volts DC. The computer power supply is used to supply the heater of the at least one vacuum tube 10 with electrical current. It is preferable to use a 12AX7, 12AT7, or ECCA83 vacuum tube, but other types of vacuum tubes may also be used. The at least one resistor and capacitor are connected to the at least one vacuum tube 10.

Please amend Page 5, ¶3 as follows:

With reference to figure 2, the tube card 1 may be inserted in series between a an audio input device such as a microphone 404 and an analog input of the sound card 100 to provide a preamplification stage or to smooth the analog input into the sound card 100. An analog input of the sound card 100 may be connected to the inverted or noninverted outputs of the vacuum tube 10. One tube circuit is shown on the tube card 1, but two or more tube circuits could be placed on each tube card 1 to accommodate stereo, surround audio, or to have two sets of analog input and output lines. One

vacuum tube 10 is shown for each analog input and output line, but more than one vacuum tube could be used. The inverted and noninverted output lines of the vacuum tube 10 are considered one analog output line.

Please amend Page 5, ¶4 as follows:

With reference to figure 3, a combination tube card 2 preferably includes ~~at least~~ said one vacuum tube 10, the said DC to DC high voltage converter 12, a sound chip 18, said plate at least one resistor 14, said cathode resistor 15, said non-inverted and at least one capacitor 16, and said inverted capacitor 17. The sound chip 18 includes an analog input, analog output, and digital input/output. The digital input/output of the sound chip 18 is connected to the motherboard of the computer. The sound chip 18 eliminates the need for a stand_alone sound card 100. The at least one vacuum tube 10 is supplied with high voltage from the DC to DC high voltage converter 12. The at least one resistor and capacitor are connected to the at least one vacuum tube 10.

Please amend Page 6, ¶2 as follows

The combination tube card 2 may be configured two different ways. The combination tube card 2 may be configured to provide an additional amplification stage or to smooth the analog output to an external device 102 from the sound chip 18. The external device 102 may be connected to the inverted or noninverted outputs of the vacuum tube 10. With reference to figure 4, the combination card 2 may be configured to provide a preamplification stage or to smooth the electrical signal from a microphone 104 into an analog input of the sound chip 18. The analog input of the sound card 100 may be connected to the inverted or noninverted outputs of the vacuum tube 10. One tube circuit is shown on the combination tube card 2, but two or more tube circuits could

be placed ~~on~~ in combination each tube card 2 to accommodate stereo, surround audio, or to have two sets of analog input and output lines. One vacuum tube 10 is shown for each analog input and output line, but more than one vacuum tube could be used. The inverted and noninverted output lines of the vacuum tube 10 are considered one analog output line.

Amendments to the Drawings

The attached sheets of drawings include changes to Figs. 1-4. These sheets, which include Figs. 1-4, replace the original sheets including Figs. 1-4. In Figs. 1-4, element 14 has been changed to 15 and element 16 has been changed to 17.

Attachment: Replacement Sheets
Annotated Sheets Showing Changes

Respectfully submitted,

2/4/2005
Date of Signature


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